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CHAMBERLIN

CHAMBERLIN COMPANY OF AMERICA ®

WEATHER STRIPS

Architectural Details

MANUFACTURERS OF QUALITY BUILDING PRODUCTS — THE PRODUCERS' COUNCIL

CHAMBERLIN COMPANY OF AMERICA

GENERAL OFFICES . . . NEW YORK 22, NEW YORK

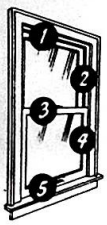
MEMBER WEATHERSTRIP *Research* INSTITUTE

1959

Standard and Pivoting Double Hung Wood Window Weather Strips

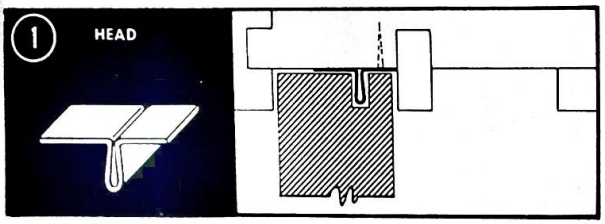
STANDARD EQUIPMENT No. 100

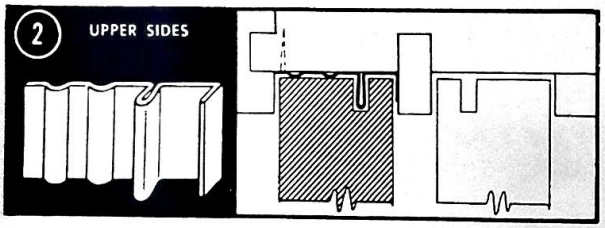
Chamberlin No. 100 Equipment, available in either zinc or bronze, is standard for residential or ordinary commercial construction. It provides a ⅛" x ⅜" tongue which is recommended for 1⅜" sash; and for light-duty 1¾" sash.

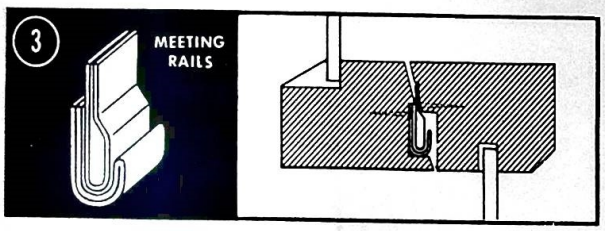


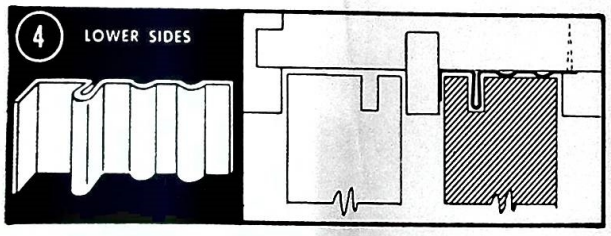
No. 100 Equipment	Strip Number 1⅜" Sash	Strip Number 1¾" Sash	Zinc Gauge	Zinc Thick., Inches	Bronze B. & S. Gauge	Bronze Thick., Inches
Head	6	6	9	.018	25	.0179
Meeting Rails						
Upper	5-H	5-H	8	.016	26	.0159
Lower	5-F	5-F	9	.018	25	.0179
Blocks	469	469	8	.016	—	—
Sides						
Upper	701-A	702-A	9	.018	25	.0179
Lower	702-A	702	9	.018	25	.0179
Sill	7	8	10	.020	25	.0179
Nails	⅝ 16x⅞"		Tinned Steel		Coppered Steel	

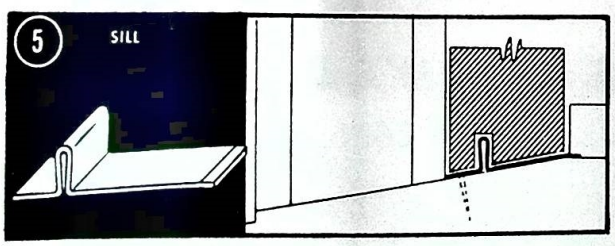
HALF-SIZE DETAILS—1⅜" SASH





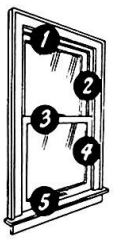






HEAVY DUTY EQUIPMENT No. 100-A

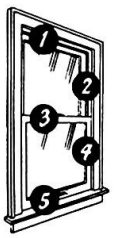
Chamberlin No. 100-A Equipment is heavy duty type, similar to No. 100, but using heavier metal and a higher and wider tongue (3/16" x ½"). Used in institutions, hotels, etc., on 1¾" sash; and always recommended for 2¼" sash.



No. 100-A Equipment	Strip Number 1¾" Sash	Strip Number 2¼" Sash	Zinc Gauge	Zinc Thick., Inches	Bronze B. & S. Gauge	Bronze Thick., Inches
Head	76	76	12	.028	23	.0225
Meeting Rails						
Upper	75-H	75-H	12	.028	23	.0225
Lower	75-F	75-F	12	.028	23	.0225
Blocks	469	469	8	.016	—	—
Sides						
Upper	72-A	73-A	10	.020	25	.0179
Lower	72	73	10	.020	25	.0179
Sill	78	79	12	.028	23	.0225
Nails	⅝ 16x⅞"		Tinned Steel		Coppered Steel	

PIVOT SASH EQUIPMENT No. 100-W

Chamberlin No. 100-W Equipment resembles in all respects Standard No. 100 Equipment except that the location of the corrugation is altered so as not to interfere with the roller mechanism.

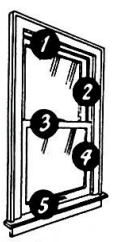


No. 100-W Equipment	Strip Number 1¾" Sash	Zinc Gauge	Zinc Thickness, Inches
Head	6	9	.018
Meeting Rails			
Upper	5-H	8	.016
Lower	5-F	9	.018
Sides			
Upper	742-A	10	.020
Lower	742	10	.020
Sill	8	10	.020
Nails	⅝ 16x⅞"	Tinned Steel	

Also available in Bronze; or for 1⅜" or 2¼" sash

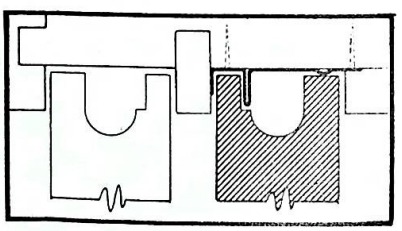
SASH BALANCER EQUIPMENT No. 100-U

Chamberlin No. 100-U Equipment provides tongue-and-groove weather stripping for double-hung windows where the sash balances are housed in cut-outs located in the side stiles of the sash. The ⅛" x ⅜" tongue at head and sill and the flat ⅜" tongue at jambs provide a smooth-operating installation.



No. 100-U Equipment	Strip Number 1⅜" Sash	Strip Number 1¾" Sash	Zinc Gauge	Zinc Thick., Inches
Head	6	6	9	.018
Meeting Rails				
Upper	5-H	5-H	8	.016
Lower	5-F	5-F	9	.018
Blocks	469	469	8	.016
Sides				
Upper	707-A	708-A	9	.018
Lower	707	708	9	.018
Sill	7	8	10	.020
Nails	⅝ 16x⅞"		Tinned Steel	

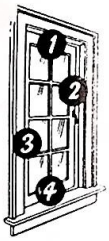
Also available in Bronze



Out-Opening Wood and In-Opening Wood Casement Weather Strips

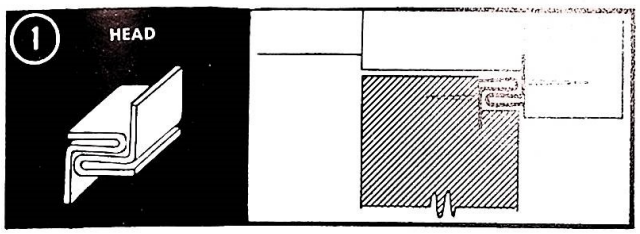
CONCEALED INTERLOCKING EQUIPMENT No. 400-A

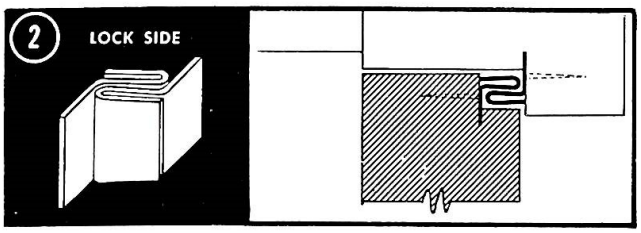
Chamberlin No. 400-A Equipment with 3/8" x .105" tongue uses interlocking equipment continuously around the perimeter of the sash. Meeting stiles weather strips are protected with an astral.

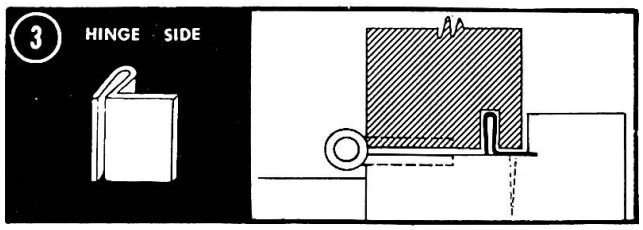


No. 400-A Equipment	Strip Number	Zinc		Bronze	
		Zinc Gauge	Thick., Inches	B. & S. Gauge	Thick., Inches
Head, Sides Meeting Stiles and Sill	21	10	.020	25	.0179
Nails	#16x7/8"	Tinned Steel		Coppered Steel	

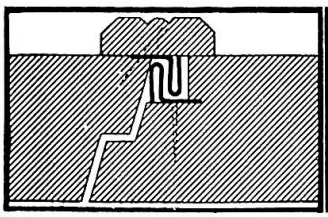
HALF-SIZE DETAILS—1 3/4" SASH



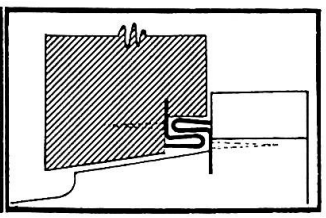


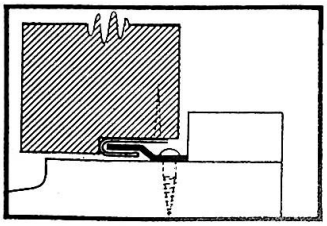


MEETING STILES



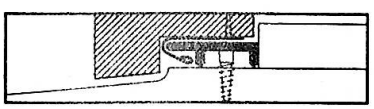
SILL





ALTERNATE SILLS

No. 48



No. 880

EXPOSED INTERLOCKING EQUIPMENT No. 300-A

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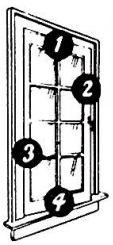
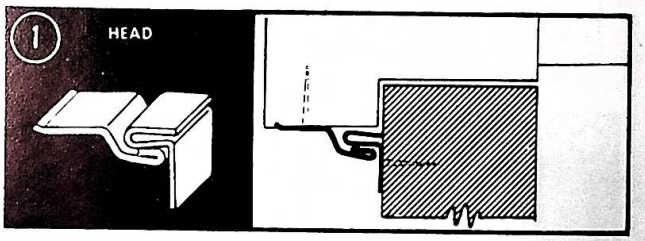
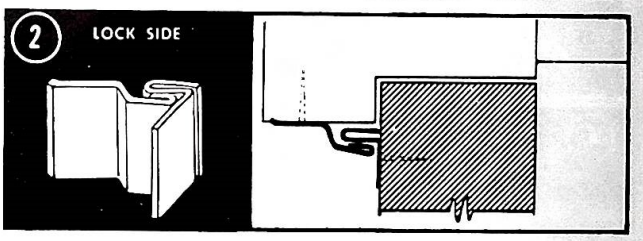
Chamberlin No. 300-A Equipment locates the weather strip toward the outside edges of the sash, thereby keeping rain out and meeting the demand for protection against heavy water leakage. In double casements the meeting stiles weather strips are protected against damage with a split astragal added by Chamberlin, if no wood astragal is present.
Either sill shown may be used with this equipment.

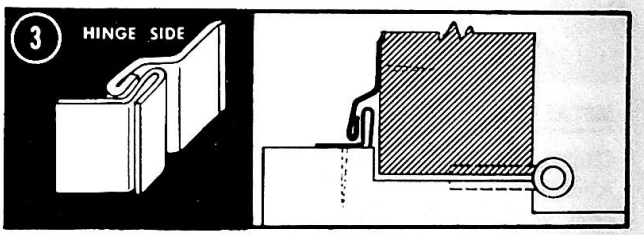


No. 300-A Equipment	Strip Number	Zinc		Bronze	
		Zinc Gauge	Thick., Inches	B. & S. Gauge	Thick., Inches
Head, Hinge and Lock Sides	21	10	.020	25	.0179
	23	12	.028	23	.0225
Meeting Stiles	4-AS	12	.028	23	.0225
	21	10	.020	25	.0179
Nails	#16x7/8"	Tinned Steel		Solid Bronze	

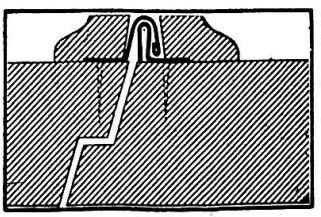
HALF-SIZE DETAILS — 1 3/4" SASH



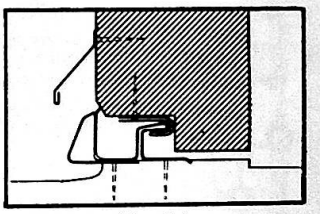




MEETING STILES

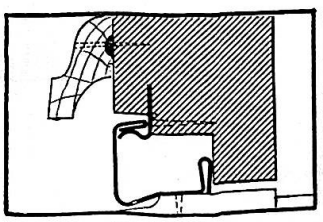


SILL

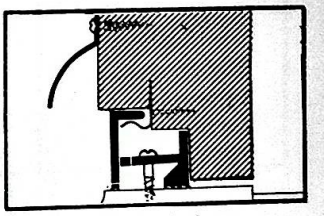


No. 84

ALTERNATE SILLS



No. 18-A

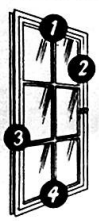


No. 68-A

Metal Casement Weather Strips

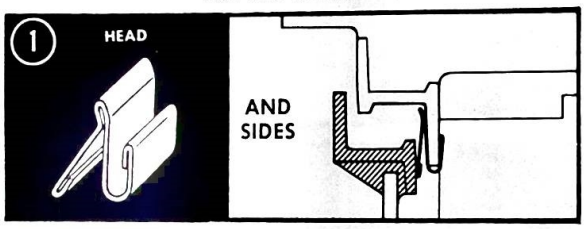
METAL CASEMENT EQUIPMENT No. 700-A

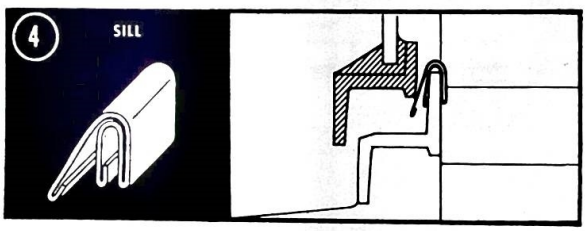
Chamberlin No. 700-A Equipment provides a spring bronze strip that is designed to allow sash to close tight with a minimum of effort. Strip clamps to the flanges of the window frame, and is fastened with small Parker-Kalon screws. *Also available in aluminum and stainless steel.*



No. 700-A Equipment	Strip Number	Bronze	
		B. & S. Gauge	Thickness, Inches
Head, Hinge and Lock Side	200	36	.005
Sill	202	36	.005
Screws	#2x1/8" Type "U" Drive Screws (corners and at latch only)		

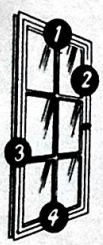
HALF-SIZE DETAILS





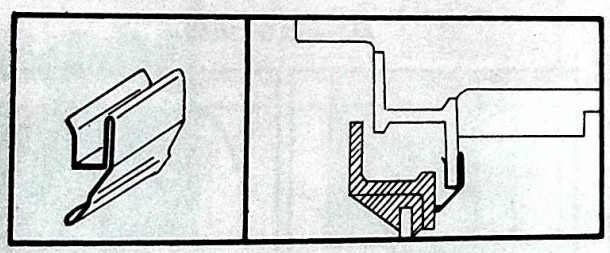
METAL CASEMENT EQUIPMENT No. 700-B

Chamberlin No. 700-B Equipment provides a spring Aluminum strip that is designed to allow sash to close tight with a minimum of effort. Strip clamps to the flanges of the window frame.



No 700-B Equipment	Strip Number	Aluminum
		Thickness, Inches
All Sides	203	.008

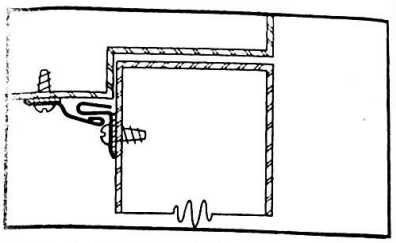
HALF-SIZE DETAILS

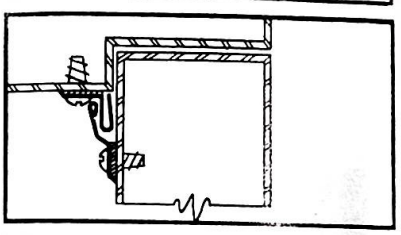


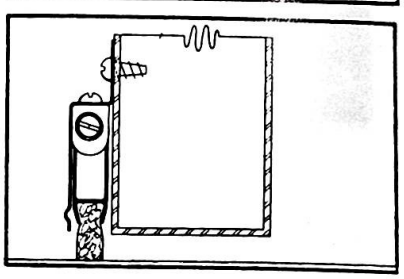
Metal Door Weather Strips

METAL DOOR EQUIPMENT No. 800-CS

Chamberlin No. 800-CS Equipment for hollow metal or Kalamein doors provides interlocking strips for head and jambs. The 3/8" x .105" tongue strip No. 24 and the "Z" strip No. 23 are backed with processed felt to prevent inleakage of air under strips. The Chamberlin Surface Automatic Dor-Seal at the sill raises instantly when the door is opened.





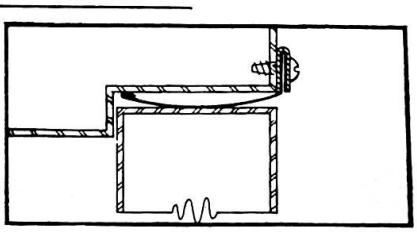


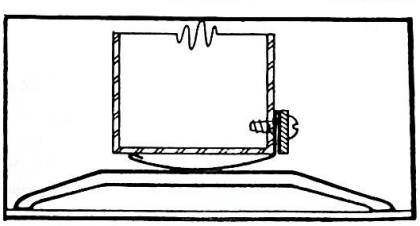
HALF-SIZE DETAILS
1 3/4" DOOR

No. 800-CS Equipment	Strip Number	Zinc		Bronze	
		Zinc Gauge	Thick., Inches	B. & S. Gauge	Thick., Inches
Head and Sides	24	12	.028	25	.0179
	23	12	.028	23	.0225
Sill	427	Surface Automatic Dor-Seal— Bronze, Painted Steel, Stainless Steel, or Aluminum Shell			
Screws	#6x3/8" Rd. Hd. Type "A" Sheet Metal Drive	Cadmium-Plated		Bronze-Plated	

METAL DOOR EQUIPMENT No. 800-DS

Chamberlin No. 800-DS Spring Bronze Equipment for hollow metal or Kalamein doors provides a continuous contact around the door perimeter.





HALF-SIZE DETAILS
1 3/4" DOOR

No. 800-DS Equipment	Strip Number	Bronze	
		B. & S. Gauge	Thickness, Inches
Head and Sides	158	31	.0089
Sill	159	31	.0089
Screws	#6x3/8" Stove Head Type "A" Bronze-Plated sheet metal screws		

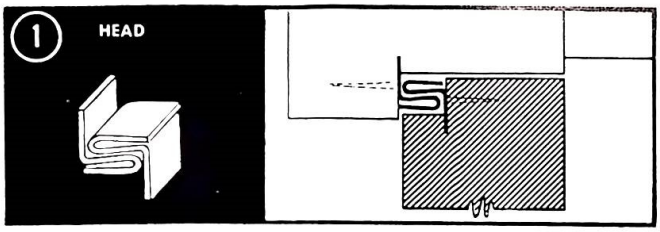
Wood Door Weather Strips

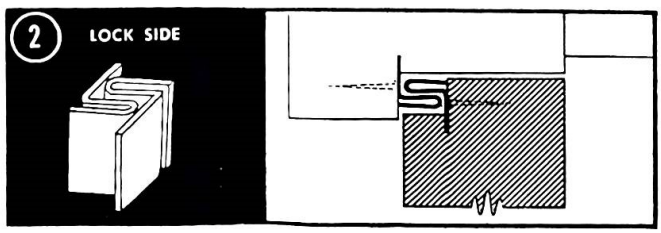
CONCEALED EQUIPMENT No. 800

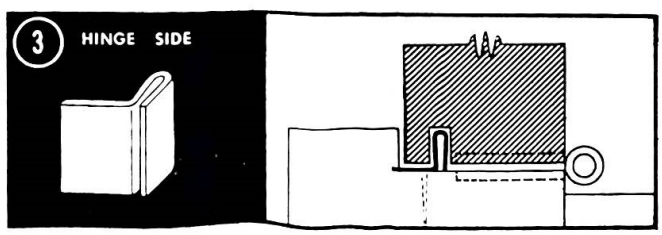
Chamberlin No. 800 Equipment provides concealed, interlocking weather strips (⅜" x .105" tongue) at the head and jambs of doors. Threshold interlocks with door bottom hook. Any of the interlocking thresholds may be used with this equipment (see pages 6 and 7), or any of the flat or corrugated top thresholds may be used in combination with the Chamberlin Automatic-Dor-Seals.

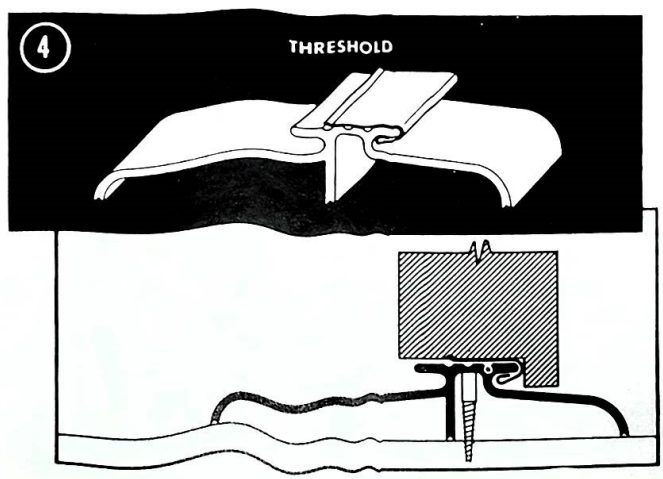
No. 800-A Equipment	Strip Number	Zinc		Bronze	
		Zinc Gauge	Thick., Inches	B. & S. Gauge	Thick., inches
Head and Sides	21	10	.020	35	.0179
Lockplate	21-A	9	.018	35	.0179
Sill					
Hook	826				
Threshold	834-A 934-A				
Nails	⅛ 16x⅞"	Tinned Steel		Coppered Steel	

HALF-SIZE DETAILS—1 ¾" DOOR







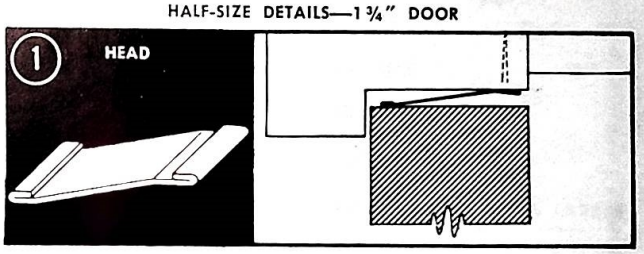


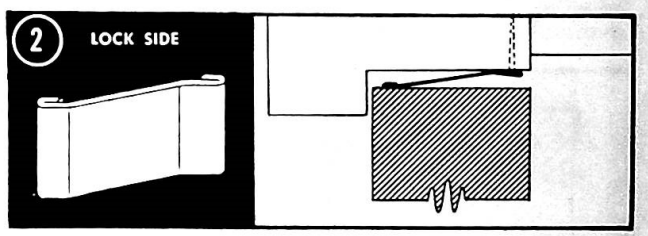
SPRING EQUIPMENT No. 800-A

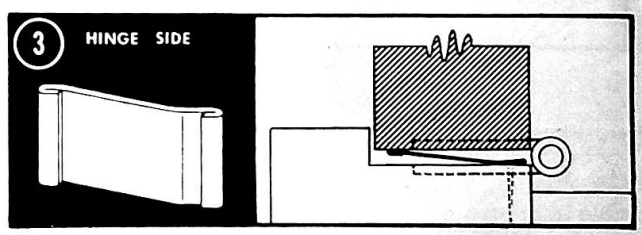
Chamberlin No. 800-A Equipment provides a continuous contact at head and jambs of doors, with spring bronze weather strips. Also available in aluminum. Threshold interlocks with door bottom hook.
Any of the interlocking thresholds may be used with this equipment (see pages 6 and 7), or any of the flat or corrugated top thresholds may be used in combination with the Chamberlin Automatic-Dor-Seals.

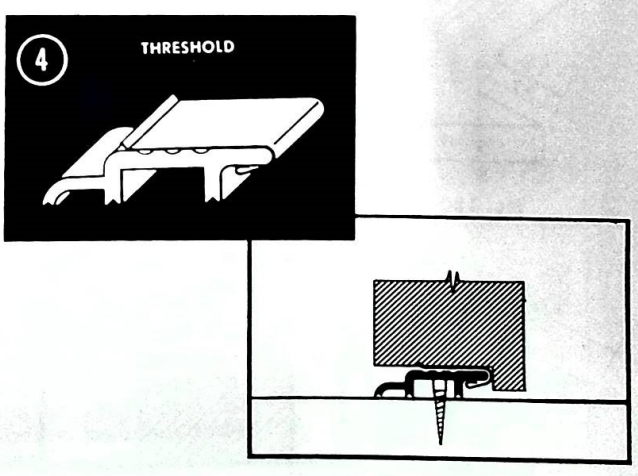
No. 800-A Equipment	Strip Number		Bronze	
	1⅜" Sash	1¾" Sash	B. & S. Gauge	Thickness, Inches
Head and Sides	103	105	32	.008 .0089
Lockplate	37	37	32	.008 .008
Sill				
Hook	826			
Threshold	869-B 969-B			
Nails				
Ends	⅛ 16x⅞"		Coppered Steel	
Intermediate	⅛ 16x⅜"			

HALF-SIZE DETAILS—1 ¾" DOOR





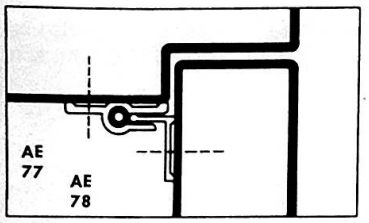




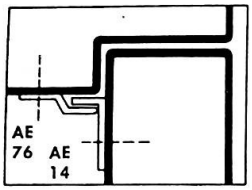
Metal Door Weather Strips

EXTRUDED ALUMINUM EQUIPMENT No. 800-AS

Chamberlin No. 800-AS Equipment for aluminum or hollow metal doors.



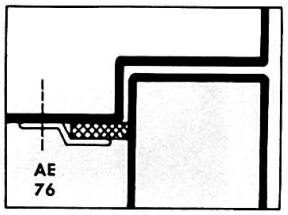
Head and lock side. Same members used on hinge side with AE77 fixed to door.



Head and lock side. Same members used on hinge side with AE76 fixed to door.

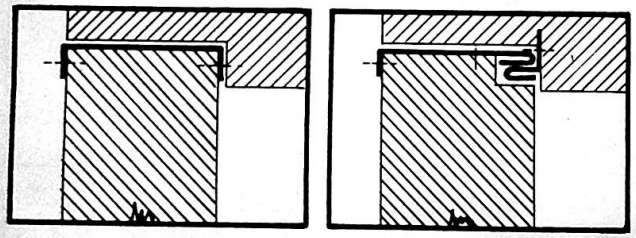
These strips are adaptable to wood doors as well.

Head and jambs. Contact material is sponge rubber.



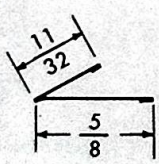
METAL CAPS FOR DOORS

Chamberlin door caps for out-opening wood doors are available in zinc, bronze and aluminum.

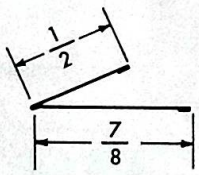


"V" TYPE CUSHION STRIP

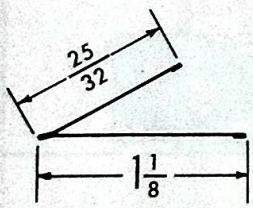
Chamberlin "V" type cushion weather strips are available in bronze, aluminum and stainless steel.



No. 180



No. 181



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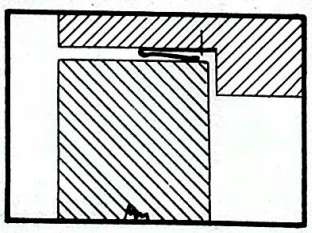


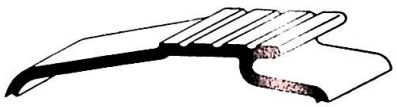
Thresholds

STANDARD INTERLOCKING

Standard interlocking thresholds, used with No. 826 or No. 827 door bottom hook, may be specified with either No. 800 or No. 800-A Equipment at head and sides of doors, as shown on Page 5.

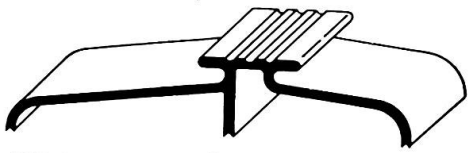
HALF-SIZE DETAILS

No. 869-B — Brass
No. 969-B — Aluminum } 1 5/16" x 5/16"

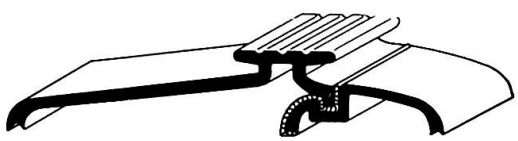


No. 808 — Brass
No. 908 — Aluminum } 3 7/16" x 5/8"

No. 810 — Brass
No. 910—Aluminum } 4 1/2" x 7/8"



No. 834-A — Brass
No. 934-A — Aluminum } 4 1/2" x 7/8"



No. 839 A and C — brass, 4 3/4" x 7/8"

No. 834 — brass, 4 1/4" x 5/8"

RAIN DRIPS

No. 400
Extruded Brass

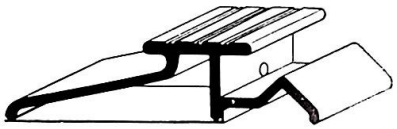
No. 49-A
Bronze (23 B&S gauge,.0225")
Zinc (12 gauge, .028")

No. 51
Bronze (23 B&S gauge,.0225")
Zinc (12 gauge, .028")

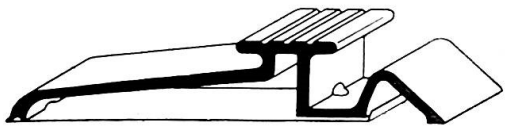
WATER-DRAIN INTERLOCKING

Water-drain interlocking thresholds, used with No. 826 or No. 827 door bottom hook and either No. 800 or No. 800-A Equipment at head and sides of doors (Page 5), provide extra protection where severe rain conditions exist.

HALF-SIZE DETAILS



No. 842 — Brass (with Pan)
No. 942 — Aluminum (with Pan) } 3½" x ⅞"

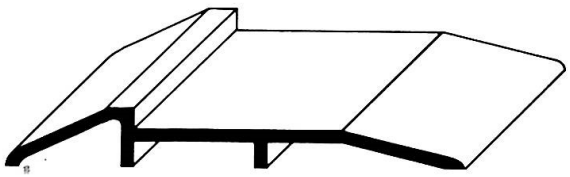


No. 841 — Brass (with Pan)
No. 941 — Aluminum (with Pan) } 4½" x ⅞"
No. 987 — Aluminum (with Pan) 4½" x 1¼"

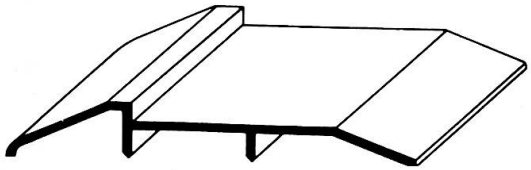
SPECIAL TYPES

No. 880—Out-Opening Casement Threshold
Brass, 1"x5/16"

No. 897—Out-Opening Door Threshold
Brass, 1⅞"x½"



No. 886 — Out-Opening Door Threshold
Brass, 5" x 21/32"



No. 986—Out-Opening Door Threshold
Aluminum, 5" x 21/32"

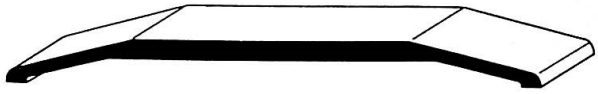
CORRUGATED TOP

Corrugated-top thresholds may be used alone or with any of the Chamberlin Automatic Dor-Seals.

Brass No.	Aluminum No.	Wide Inches	High Inches
812	912	4	½
812-AA	912-AA	5	½
812-BB	912-BB	6	½

FLAT TOP

Flat-top thresholds may be used alone or with any of the Chamberlin Automatic Dor-Seals.

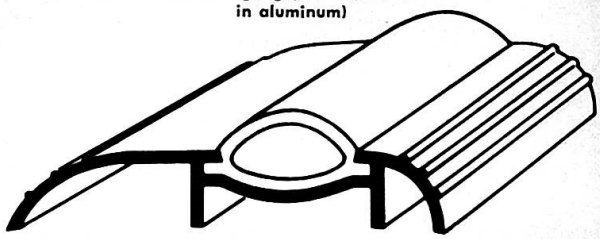


Brass No.	Aluminum No.	Wide Inches	High Inches
813	913	2¼	3/16
813-C	913-C	4	½
813-G	—	5	½

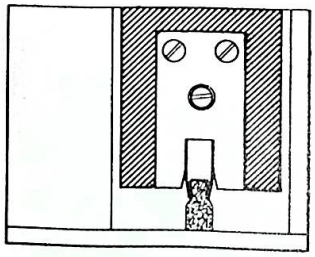
No. 826—Door Bottom Hook
Zinc (12 gauge, .028")
Brass (.020")

No. 827—Door Bottom Hook
Bronze (26 B&S gauge, .0159")
Aluminum (.0179")

No. 415—Door Bottom Hook
Brass or Aluminum
(22 B&S gauge, .025"; .032" in aluminum)



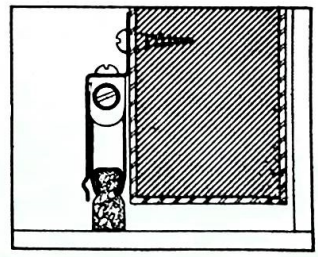
No. 988 — Aluminum and vinyl insert,
3½" x 15/16" (Height of extrusion ⅝")



No. 425

AUTOMATIC DOR-SEALS

No. 426



Chamberlin In-Dor-Seals, Out-Dor-Seals and Surface Automatic Dor-Seals automatically close under-door cracks when doors are closed. These functional devices are durable and they have many uses such as sound control in radio studios, auditoriums, schools and hospitals; light control in laboratories, dark rooms and motion picture studios; draft control on bedroom doors. They also keep dust out of closets and confine odors.

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